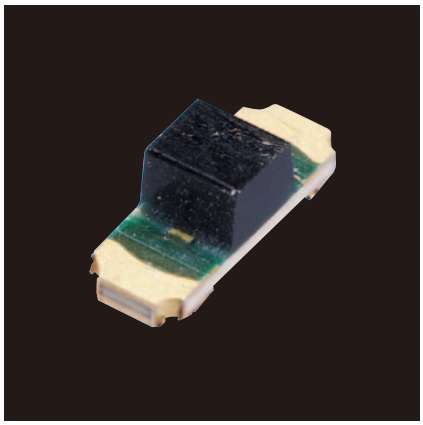


SML-810TB

Actual size
3412(1305)
3.4×1.25mm(t=1.1mm)

Features

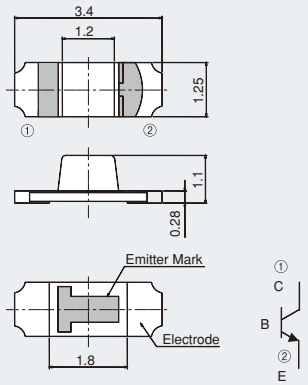
・Reverse-mount type phototransistors

Color Type: TB

Specifications

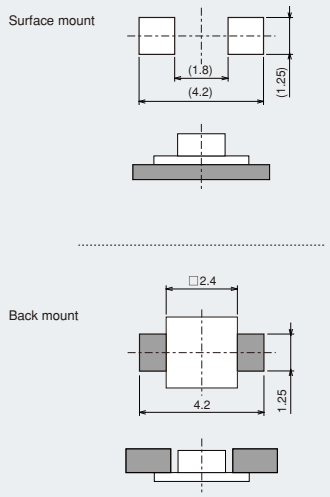
Part No.	LED Chip	Absolute Maximum Ratings (Ta=25℃)						Electrical and Optical Characteristics (Ta=25℃)									
								Light Current			Dark Current		Sensitivity Wavelength	Collector-emitter Saturation Voltage			
		Collector-Emitter Voltage(V)	Emittter-Collector Voltage(V)	Collector Curren (mA)	Collector Power issipation (mA)	Operating Temperature Topr(℃)	Storage Temperature Tstg(℃)	Min. (mA)	Max. (mA)	V_{CE}(V) /$_E$(Lx)	Max. (μA)	V_{CE}(V)	λP Typ.(nm)	Min. (V)	Typ. (V)	Max. (V)	I_C(mA) /$_E$(Lx)
□**SML-810TB**	Si	32	5	30	80	-30 to +85	-30 to +100	2.3	3.8	5/500	0.5	10	800	—	—	0.4	0.1/500

Dimensions



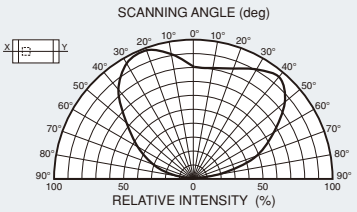
Tolerance : ±0.1
(unit : mm)

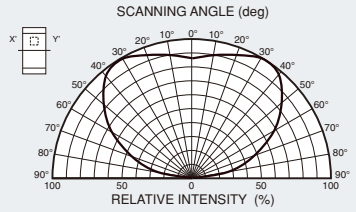
Recommended Solder Pattern



(unit : mm)

Viewing Angle





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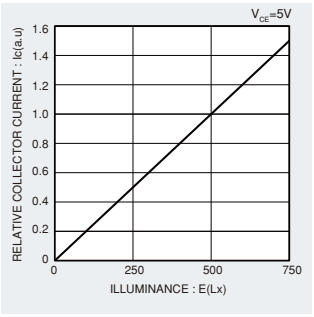
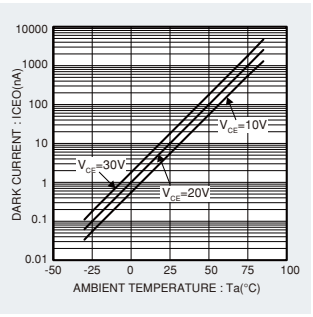
Electrical Characteristics Curves

Collector Current - Illuminace



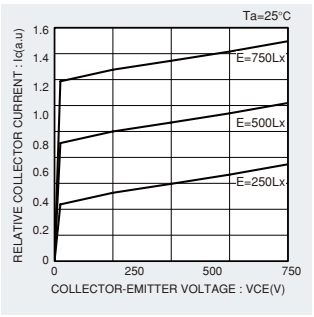
■ □SML-810TB

Dark Current - Ambient Temperature



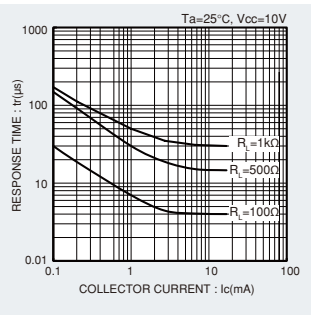
■ □SML-810TB

Collector Current - Collector-Emitter Voltage



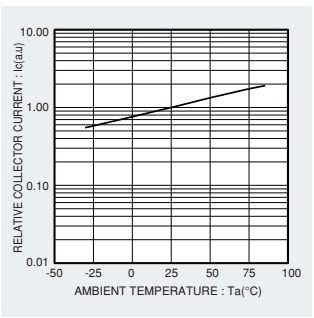
■ □SML-810TB

Response Time - Collector Current



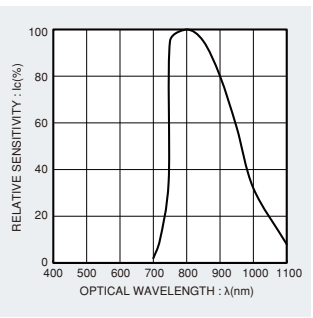
■ □SML-810TB

Collector Current - Ambient Temperature



■ □SML-810TB

Spectral Sensitivity Characteristic



■ □SML-810TB

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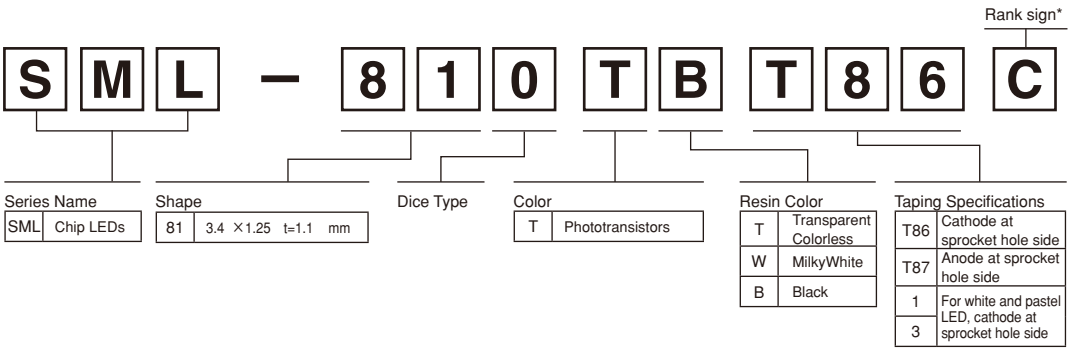
Part No. Construction



* Concerning the Brightness rank
• Part name is individual for each rank.
• When shipped as sample, the part name will be a representative part name. General products are free of ranks. Please contact sales if rank appointment is needed.

* Please refer to the Specification sheet about Taping specification.

Packing Specification

ROHM LED products are being shipped with desiccant (silica gel) concluded in moisture-proof bags.
Pasting the moisture sensitive label on the outer surface of the moisture-proof bags or enclosing the humidity indication card inside the bag is available upon request.
Please contact the nearest sales office or distributer if necessary.

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